



ELECTRONIC TUBE REFERENCE

HMD232

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Medium-power continuous-wave magnetron for industrial dielectric heating at approximately 2.45 or 2.375 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Magnetron	
MAXIMUM CATHODE CURRENT	230 mA
<i>Magnetron interaction-space system; RF frequency, output power and pulse/CW limits captured as parameters.</i>	

Medium-power continuous-wave magnetron for dielectric heating at about 2.45 or 2.375 GHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1953 RFT RUNDFUNK TECHNIK

Section 1 · Magnetron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	2 A	Nominal
AverageAnodeCurrentMaximum	230 mA	—
PeakAnodeCurrentMaximum	800 mA	—
OperatingPeakAnodeVoltage	1600 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyRange	2.375–2.49 GHz	Published operating range
RFOutputPower	200 W	—

TUBE TINKER

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and their source documents.

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